

**WASHINGTON STATE DEPARTMENT OF HEALTH  
OFFICE OF FOOD SAFETY AND SHELLFISH PROGRAMS**

**ANNUAL GROWING AREA REVIEW**

**PREPARED BY:** Donald Melvin, Environmental Specialist

**AREA:** Quilcene Bay

**YEAR ENDING:** December 31, 2005

**CLASSIFICATION:** Approved, Prohibited, Conditionally Approved, Unclassified

**ACTIVITIES IN THE GROWING AREA IN 2005:**

Samples were collected from each station in the growing area 6 times during the year using the systematic random sampling method. The "conditionally approved" portion of the growing area, surrounding the boat basin, was closed to harvest from 5/1/05 to 10/1/05 in accordance with the conditional management. The conditional area was sampled twice while it was in open status.

**ANALYTICAL RESULTS OF WATER SAMPLES:**

Table #1 summarizes the results of all samples collected from the area. This summary shows that all stations in the area pass the NSSP water quality standard.

**CHANGE IN ACTUAL POLLUTION SOURCES THAT IMPACT THE GROWING AREA:**

We currently have no information indicating that the area has new sources of pollution.

**CLASSIFICATION STATUS:**

- ☒ Well within the classification standards
- ☐ Meets standards but some concerns
- ☐ Meets standards but threatened with a downgrade in classification
- ☐ Fails to meet classification standards

**REMARKS AND RECOMMENDATIONS:**

Table #1 shows that all stations meet the NSSP water quality standards for approved classification and the area is correctly classified.

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**MANAGEMENT PLAN EVALUATION – BRIEFLY DESCRIBE THE FOLLOWING COMPONENTS:**

- 1. Have all parties involved complied with the conditions in the management plan .....Yes
- 2. Has reporting been adequate to manage the conditional area .....Yes
- 3. Does the area consistently meet approved area criteria when it is open for harvest .....Yes
- 4. Has a field inspection of critical pollution sources been conducted.....Yes

**TABLE 1****SUMMARY OF MARINE WATER DATA (SRS)**Growing Area: **QUILCENE BAY**Classification: **Approved,Unclassified,Conditionally Approved**From **02/13/2001** To **12/20/2005****FECAL COLIFORM ORGANISMS/100 ML**

| <b>Station Number</b> | <b>Classification</b>  | <b>Number of Samples</b> | <b>Range</b> | <b>Geometric Mean</b> | <b>Est. 90th Percentile</b> | <b>Meets Std.</b> |
|-----------------------|------------------------|--------------------------|--------------|-----------------------|-----------------------------|-------------------|
| 115                   | Approved               | 30                       | 1.7 - 49.0   | 3.9                   | 13.0                        | Yes               |
| 116                   | Approved               | 30                       | 1.7 - 79.0   | 3.1                   | 10.0                        | Yes               |
| 117                   | Approved               | 30                       | 1.7 - 22.0   | 2.8                   | 7.0                         | Yes               |
| 118                   | Approved               | 30                       | 1.7 - 33.0   | 2.5                   | 7.0                         | Yes               |
| 119                   | Approved               | 30                       | 1.7 - 11.0   | 2.2                   | 4.0                         | Yes               |
| 123                   | Approved               | 30                       | 1.7 - 13.0   | 2.1                   | 3.0                         | Yes               |
| 120                   | Unclassified           | 29                       | 1.7 - 79.0   | 3.7                   | 16.0                        | *N/A              |
| 114                   | Conditionally Approved | 30                       | 1.7 - 33.0   | 3.0                   | 8.0                         | Yes               |

All tides information is presented

The standard for approved shellfish growing waters is fecal coliform geometric mean not greater than 14 organisms/100 ml and an estimate of the 90th percentile not greater than 43 organisms/100 ml. The above table shows bacteriological results in relation to program standards.

\* N/A - SRS criteria require a minimum of 30 samples from each station. \*



# QUILCENE BAY



TN MN  
18°

0 1000 FEET 0 500 1000 METERS  
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